Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043498.D
Acq On : 5 Nov 2019 2:50
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 05 04:54:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	48141	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	180235	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	126192	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	291491	20.00	ng		0.00
76) Chrysene-d12	21.66	240	307962	20.00	ng		0.00
87) Perylene-d12	24.86	264	370892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	208890	79.51	ng		0.00
7) Phenol-d6	7.20	99	291972	77.24	ng		0.00
23) Nitrobenzene-d5	9.18	82	272148	77.85	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	183012	76.21	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	722173	79.08	ng		0.00
79) Terphenyl-d14	20.00	244	1280875	78.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	38746	37.846	ng		97
3) Pyridine	3.88	79	102775	39.796	ng		99
4) n-Nitrosodimethylamine	3.80	42	49068	37.653	ng	#	94
6) Aniline	7.34	93	163611	37.575	ng		96
8) 2-Chlorophenol	7.59	128	113084	38.994	ng		97
9) Benzaldehyde	7.15	77	77082	41.496	ng		95
10) Phenol	7.22	94	131683	38.125	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	98476	36.876	ng		96
12) 1,3-Dichlorobenzene	7.91	146	144401	39.741	ng		98
13) 1,4-Dichlorobenzene	8.05	146	142070	38.645	ng		96
14) 1,2-Dichlorobenzene	8.37	146	136350	37.986	ng		92
15) Benzyl Alcohol	8.26	79	102588	38.645	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	136732	35.213	ng		97
17) 2-Methylphenol	8.47	107	95395	37.886	ng		92
18) Hexachloroethane	9.10	117	50505	38.078	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	85490	35.002	ng		94
20) 3+4-Methylphenols	8.80	107	127494	36.925	ng		97
22) Acetophenone	8.84	105	181349	39.290	ng	#	99
24) Nitrobenzene	9.22	77	131206	39.397	ng	#	96
25) Isophorone	9.74	82	234442	36.679	ng		98
26) 2-Nitrophenol	9.93	139	65217	40.562	ng		97
27) 2,4-Dimethylphenol	10.00	122	92612	40.188	ng		92
28) bis(2-Chloroethoxy)methane	10.22	93	132062	37.436	ng		98
29) 2,4-Dichlorophenol	10.48	162	122877	41.616	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	152128	40.879	ng		95
31) Naphthalene	10.87	128	363450	39.727	ng		97
32) Benzoic acid	10.17	122	62144	37.708	ng		85
33) 4-Chloroaniline	10.98	127	150184	40.048	ng		98
34) Hexachlorobutadiene	11.15	225	110398	40.131	ng		90
35) Caprolactam	11.77	113	39354	38.700	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	125250	38.889	ng		96
37) 2-Methylnaphthalene	12.47	142	270874	38.588	ng		98
38) 1-Methylnaphthalene	12.69	142	258146	38.651	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	191663	41.040	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	33104	13.494	ng		94
43) 2,4,6-Trichlorophenol	13.09	196	110209	40.071	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	108821	39.137	ng		92
46) 1,1'-Biphenyl	13.47	154	381574	39.747	ng		98
47) 2-Chloronaphthalene	13.52	162	293828	40.226	ng		98
48) 2-Nitroaniline	13.73	65	85475	39.153	ng		92
49) Acenaphthylene	14.37	152	455349	40.055	ng		99
50) Dimethylphthalate	14.10	163	362265	37.062	ng		99
51) 2,6-Dinitrotoluene	14.22	165	82416	38.812	ng		92
52) Acenaphthene	14.71	154	271954	39.228	ng		99
53) 3-Nitroaniline	14.56	138	81068	39.542	ng		98
54) 2,4-Dinitrophenol	14.77	184	18480	19.951	ng		96
55) Dibenzofuran	15.04	168	436657	38.840	ng		98
56) 4-Nitrophenol	14.89	139	50915	37.059	ng	#	85
57) 2,4-Dinitrotoluene	15.01	165	116648	38.438	ng	#	98
58) Fluorene	15.69	166	363161	38.514	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	111508	37.746	ng		97
60) Diethylphthalate	15.46	149	360164	36.672	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	209730	38.127	ng		97
62) 4-Nitroaniline	15.72	138	87880	41.505	ng		95
63) Azobenzene	15.97	77	298160	37.512	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	33555	19.561	ng		96
66) n-Nitrosodiphenylamine	15.90	169	314778	38.250	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	149478	38.105	ng		98
68) Hexachlorobenzene	16.70	284	170649	37.898	ng		97
69) Atrazine	16.84	200	101347	35.441	ng		97
70) Pentachlorophenol	17.05	266	71572	34.882	ng		96
71) Phenanthrene	17.44	178	569718	38.168	ng		99
72) Anthracene	17.52	178	574631	38.477	ng		99
73) Carbazole	17.80	167	521139	38.534	ng		99
74) Di-n-butylphthalate	18.35	149	631657	38.493	ng		100
75) Fluoranthene	19.44	202	723177	37.163	ng		98
77) Benzidine	19.63	184	263829	42.568	ng		99
78) Pyrene	19.80	202	745829	39.126	ng		99
80) Butylbenzylphthalate	20.68	149	294681	40.803	ng		97
81) Benzo(a)anthracene	21.64	228	776883	40.273	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	317661	42.575	ng		100
83) Chrysene	21.71	228	764062	39.864	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	418895	40.832	ng		99
85) Di-n-octyl phthalate	22.74	149	712978	40.964	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	933669	38.808	ng	#	94
88) Benzo(b)fluoranthene	23.85	252	834333	39.719	ng		97
89) Benzo(k)fluoranthene	23.91	252	814219	38.503	ng		98
90) Benzo(a)pyrene	24.71	252	795563	39.660	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	772010	37.626	ng		99
92) Benzo(g,h,i)perylene	29.65	276	683098	33.752	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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